HEALTH TECHNOLOGY I & II

HEALTH SCIENCES

Course Overview:

Program Location: Lansing Community College (LCC) Downtown Campus and Davenport University (DU) (shuttle available)

Sessions Offered: AM/PM

Average Lecture Days/Week: 2 Days

Reviews/Week: 2 Days

Average Lab Days/Week: 1 Day

Academic Rigor: 4 out of 5

Homework: Weekly, Worksheets 4 days/week

Required Reading: College level textbooks, workbooks, e-books and/or internet information

Course Description

The Health Technology program offers a fast-paced introduction to the field of healthcare. Students learn lab skills and become proficient in measuring vital signs.

The program uses a combination of lecture and lab to provide exposure to a wide variety of health career paths to help students decide if the healthcare field is a good fit for them. Students are immersed in the language of healthcare through the study of medical terminology and learn the basics of anatomy and physiology.

Interested students can continue with Health Technology II during their senior year at Lansing Community College (LCC) or Davenport University (DU).

Student Leadership Opportunities

Students have the opportunity for leadership, competition, and community service through membership in HOSA.

Success Indicators

- Highly motivated with a strong work ethic
- Excels in fast-paced learning environments
- Enjoys writing and researching projects

Available Certifications:

- CPR
- Certified Clinical Medical Assistant (Year 2 DU)
- Patient Care Technician (Year 2 LCC)
- Certified Nursing Assistant (Year 2 LCC)

College Credits (7)

- CHSE 100 – Introduction to Health Professions (3)
- CHSE 120 – Medical Terminology (4)

Learning outcomes include, but are not limited to:

- Identify three ways to classify hospitals or healthcare facilities
- List various methods used to pay for healthcare in the United States
- Using word problems, calculate patient dosage using the metric system and common mathematical formulas related to healthcare
- Measure patient vital signs based on State of Michigan standards
- Identify three strategies healthcare providers can employ when communicating with patients and staff to accurately convey information and develop rapport
- Explain the necessity for critical thinking in a healthcare setting
- After completing OSHA-required training in Bloodborne Pathogens and Standard Precautions, list the requirements for maintaining Universal Standards
- Given the list of medical abbreviations, root words, prefixes and suffixes, construct medical words, and give the meaning of medical abbreviations
- Using the five-step educational process provided, create a teaching plan to communicate information about selected health career programs
- Identify organizations that contribute to patient safety and overall healthcare quality with regard to regulations, standards and facility accreditation.

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HEALTH TECHNOLOGY

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PROFESSIONAL CAREERS

- Certified Nurse Practitioner
- Clinical Instructor
- Healthcare Administrator
- Midwife/Nurse Midwife
- Pharmacist
- Physician/Doctor
- Physician's Assistant
- Registered Nurse Instructor

TECHNICAL CAREERS

- Certified EKG (Electrocardiogram) Technician
- Certified or Registered Medical Assistant
- Certified Patient Care Technician
- Dental Assistant
- Licensed Practical Nurse
- Massage Therapist
- Phlebotomist/Phlebotomy Technician
- Registered Nurse

ENTRY-LEVEL CAREERS

- Certified Nurse Aide/Assistant
- EKG (Electrocardiogram) Technician
- EMT (Emergency Medical Technician)
- Home Health Aide
- Medical Assistant
- Patient Care Assistant/Technician
- Phlebotomist
- Radiology Technician

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EXPERIENCES

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Scan the QR code below to learn more and watch the program video.

SCAN ME!

Capital Region Technical Early College (CRTEC)

Students enrolled in this program may choose to participate in the Capital Region Technical Early College (CRTEC) program. This is a high school-to-college program where students start in grade 11 and end their 13th year with a degree or certification. This program gives students relevant career related experiences.

DAVENPORT UNIVERSITY

LANSING COMMUNITY COLLEGE

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FAST TRACK YOUR FUTURE.**